

Abstract of the Disclosure

A joint compound sanding device (10) comprises a hand held housing (12) and a bottom plate (66) coupled to the hand held housing (12). The bottom plate (66) includes
5 a plurality of dust collection apertures (74) extending through the bottom plate (66) between a vacuum manifold (64) and a bottom surface (76). A plurality of dust collection channels (78) are formed in the bottom surface (76) defining mesas (80) there between. The mesas support a porous joint compound sanding screen (54). A motor is coupled to hand held housing (12) and includes a rotating shaft coupled and rotating to
10 a dust collection fan (30) such that air is drawn through a porous joint compound sanding screen (54), through the channels (78), through the dust collection apertures (74) into the vacuum manifold (64) and through the fan inlet (32) and expelling the air into an exhaust manifold (34);